

Product Information

MemDX™ Membrane Protein Human TIE1 (Tyrosine kinase with immunoglobulin like and EGF like domains 1) for Antibody Discovery

Cat. No.: **MP0139Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 250 kDa Human TIE1 membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TIE1

Protein Length

Full-length

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

250 kDa

TMD

1

Sequence

MWAGAGRGSDAWGPPLLKEKDDRIVRTPPGPPLRLARNGSHQVTLRGFSKPSDLGVVFSCVGGAGARRTRVIYVHNNSPGAHLLP

Product Description

Expression Systems

Insect

Form

Powder

Endotoxin

< 0.1 ng per µg

Purity

>90% by SDS-PAGE and visualised by silver stain

Buffer

PBS without stabilizers

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

TIE1

Full Name

Tyrosine kinase with immunoglobulin like and EGF like domains 1

Introduction

This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

Receptor protein-tyrosine kinase; tyrosine-protein kinase receptor Tie-1; tyrosine kinase with immunoglobulin and epidermal growth factor homology domains 1; JTK14; TIE

Gene ID

[7075](#)

UniProt ID

[B4DTW8](#)